

**Amendments to the Claims:**

The listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-14. (Cancelled)

15. (Currently Amended) A method for monitoring wheels of a motor vehicle having at least one tire that is provided with a memory and a transmitter device for tire-specific data which is stored in the form of an electronic data sheet[[:]], wherein the tire-specific data includes tire characteristic data which is invariable with operation of the tire and operational data which is variable with operation of the tire, and wherein:

the electronic data sheet is read out of the memory and transmitter device by means of a receiver device; and

the electronic data sheet is transmitted to a memory and evaluation unit and made available to a further processing functionality of the vehicle wherein the further processing functionality utilizes the tire-specific data in combination with data not associated with the tire-specific data.

16. (Previously Presented) The method as claimed in Claim 15, wherein the further processing functionality is assigned to a logistic functionality of one of a vehicle manufacturer and a service workshop.

17. (Previously Presented) The method as claimed in Claim 15, wherein the further processing functionality comprises one of a driving stability functionality, a velocity decreasing functionality and a chassis control functionality.

18. (Previously Presented) The method as claimed in Claim 15, wherein a measuring and/or quality protocol is assigned to the electronic data sheet.

19. (Currently Amended) A system for detecting and/or monitoring wheels of a motor vehicle having at least one tire that is provided with a memory and a transmitter device for tire-specific data which is stored in the form of an electronic data sheet, wherein the tire-specific data includes tire characteristic data which is invariable with operation of the tire and operational data which is variable with operation of the tire, said memory and transmitter device interacting with a receiver device for reading in the tire-specific data[[;]], wherein:

the receiver device is connected to a memory and evaluation unit; and  
the memory and evaluation unit makes available the tire-specific data to a further processing functionality wherein the further processing functionality utilizes the tire-specific data in combination with data not associated with the tire-specific data.

20. (Previously Presented) The system as claimed in Claim 19, wherein the further processing functionality is a component of a driving stability functionality of the motor vehicle.

21. (Previously Presented) The system as claimed in Claim 19, wherein the further processing functionality comprises a velocity decreasing functionality of the motor vehicle.

22. (Previously Presented) The system as claimed in Claim 19, wherein the further processing functionality comprises a chassis control functionality of the motor vehicle.

23. (Previously Presented) The system as claimed in Claim 19, wherein the further processing functionality is a logistic functionality of one of a vehicle manufacturer and a service workshop.

24. (Previously Presented) The system as claimed in Claim 19, wherein each of the wheels comprises a pressure-measuring device for a tire which device is connected to an associated memory and transmitter device.

25. (Previously Presented) The system as claimed in Claim 19, wherein each of the wheels comprises a temperature-measuring device for a tire, which device is connected to an associated memory and transmitter device.

26. (Previously Presented) The system as claimed in Claim 19, wherein:  
each of the memory and transmitter devices is provided with tire characteristic data; and  
the memory and transmitter devices are each embodied as a rewriteable memory.

27. (Previously Presented) The system as claimed in Claim 19, wherein a one-to-one transmission code is assigned to each of the memory and transmitter devices of the wheels.

28. (Previously Presented) The system as claimed in Claim 19, wherein the tire-specific data comprises at least one of a statement of a position of the tire on the motor vehicle, an identification mark of the tire, a type of tire, a tire dimension, a design, a manufacturer, a velocity class, a load-bearing class, a tire profile, tire material properties, a production works, a country identifier, a manufacturing date and a use-by date.